

## WEST Search History

DATE: Friday, June 20, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L6	L4 and Mp307	0	L6
L5	L4 and line Mp307	0	L5
L4	peroxidase and maize and ((800/279)!.CCLS. )	96	L4
L3	peroxidase near2 maize and ((800/279)!.CCLS. )	2	L3
L2	peroxidase near5 maize and ((800/279)!.CCLS. )	2	L2
L1	peroxidase near4 maize and ((800/279)!.CCLS. )	2	L1

END OF SEARCH HISTORY

10/047,825

REICHERT, Nancy, A.  
PA MISSISSIPPI STATE UNIVERSITY  
DT Patent  
PI WO 2001038485 A2 20010531  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU  
ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
AI WO 2000-US30159 A 20001124  
PRAI US 1999-60/167,229 19991124

=> d his

(FILE 'HOME' ENTERED AT 16:19:43 ON 20 JUN 2003)

FILE 'CAPLUS, BIOSIS, MEDLINE, EUROPATFULL, AGRICOLA, CAOLD, CASREACT,  
CROPU, DGENE, DPCI, ENCOMPPAT2, FSTA, IFIPAT, INPADOC, JAPIO, NTIS,  
PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, PATOSDE, PATOSEP, PATOSWO,  
PCTFULL, PCTGEN, PIRA, RAPRA, RDISCLOSURE, SYNTHLINE, ..' ENTERED AT  
16:23:11 ON 20 JUN 2003

L1 0 S PEROXIDASE AND BUFFEL (W) GRASS AND TRANSFORMATION  
L2 184 S PEROXIDASE AND MAIZE AND (DEFENSE OR DEFENCE) (3A) RESPONSE A  
L3 180 S L2 AND (GENE OR DNA OR NUCLEOTIDE OR NUCLEIC) AND (PROTEIN O  
L4 176 DUP REM L3 (4 DUPLICATES REMOVED)  
L5 90 S L4 NOT PY> 2001  
L6 71 S L5 AND (TRANSFORM? OR TRANSGENIC) (2A) CELL  
L7 0 S L6 AND PEROXIDASE (2A) (MAIZE OR CORN)  
L8 1 S L6 AND PEROXIDASE (3A) (MAIZE OR CORN)

FILE 'TULSA2' ENTERED AT 16:23:11 ON 20 JUN 2003  
COPYRIGHT (C) 2003 The University of Tulsa (UTULSA)

FILE 'USPATFULL' ENTERED AT 16:23:11 ON 20 JUN 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 16:23:11 ON 20 JUN 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 16:23:11 ON 20 JUN 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

FILE 'IPA' ENTERED AT 16:23:11 ON 20 JUN 2003  
COPYRIGHT (C) 2003 American Society of Hospital Pharmacists (ASHP)

=> s peroxidase and buffel (w) grass and transformation  
15 FILES SEARCHED...

L1 0 PEROXIDASE AND BUFFEL (W) GRASS AND TRANSFORMATION

=> s peroxidase and maize and (defense or defence) (3a) response and (resistan? or toleran?)

10 FILES SEARCHED...

21 FILES SEARCHED...

32 FILES SEARCHED...

L2 184 PEROXIDASE AND MAIZE AND (DEFENSE OR DEFENCE) (3A) RESPONSE AND  
(RESISTAN? OR TOLERAN?)

=> s l2 and (gene or DNA or nucleotide or nucleic) and (protein or polypeptide)

4 FILES SEARCHED...

9 FILES SEARCHED...

22 FILES SEARCHED...

25 FILES SEARCHED...

34 FILES SEARCHED...

L3 180 L2 AND (GENE OR DNA OR NUCLEOTIDE OR NUCLEIC) AND (PROTEIN OR  
POLYPEPTIDE)

=> dup rem l3

DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, PCTGEN, RDISCLOSURE,  
SYNTHLINE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L3

L4 176 DUP REM L3 (4 DUPLICATES REMOVED)

=> s l4 not PY> 2001

9 FILES SEARCHED...

19 FILES SEARCHED...

24 FILES SEARCHED...

34 FILES SEARCHED...

L5 90 L4 NOT PY> 2001

=> s l5 and (transform? or transgenic) (2a) cell

9 FILES SEARCHED...

23 FILES SEARCHED...

34 FILES SEARCHED...

L6 71 L5 AND (TRANSFORM? OR TRANSGENIC) (2A) CELL

=> d l6 1-71 ab

L6 ANSWER 1 OF 71 EUROPATFULL COPYRIGHT 2003 WILA

ABEN The present invention provides DNA molecules that constitute fragments  
of the genome of a plant, and polypeptides encoded thereby. The DNA  
molecules are useful for specifying a gene product in cells, either as a

products that are labile, volatile, toxic, hazardous, etc.

L6 ANSWER 69 OF 71 USPATFULL

AB Purified DNA encoding crucifer AFT proteins and chimeric transcriptional activator proteins from such DNA are disclosed. Such proteins are also involved in plant defense mechanisms by interacting with proteins involved in protecting plants from pathogens. The recombinant polypeptides and fragments are useful in methods of modulating plant gene expression.

L6 ANSWER 70 OF 71 USPATFULL

AB The present invention provides nucleic sequences from genes which are preferentially expressed in feeding site cells. These sequences can be used to produce transgenic plants resistant to nematode infection.

L6 ANSWER 71 OF 71 USPATFULL

AB The synthesis of lignin by plants is controlled by transformation of the plant genome with a recombinant gene construct which contains the gene specifying an enzyme critical to the synthesis of a lignin precursor, which gene may be in antisense orientation so that it is transcribed to mRNA having a sequence complementary to the equivalent mRNA transcribed from the endogenous gene thus leading to suppression of lignin synthesis. If the recombinant gene has the lignin enzyme gene in normal, or "sense" orientation, increased production of the enzyme may occur when the insert is the full length DNA but suppression may occur if only a partial sequence is employed.

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L3 180 S L2 AND (GENE OR DNA OR NUCLEOTIDE OR NUCLEIC) AND (PROTEIN O  
L4 176 DUP REM L3 (4 DUPLICATES REMOVED)  
L5 90 S L4 NOT PY> 2001  
L6 71 S L5 AND (TRANSFORM? OR TRANSGENIC) (2A) CELL

=> s l6 and peroxidase (2a) (maize or corn)

20 FILES SEARCHED...

L7 0 L6 AND PEROXIDASE (2A) (MAIZE OR CORN)

=> s l6 and peroxidase (3a) (maize or corn)

24 FILES SEARCHED...

L8 1 L6 AND PEROXIDASE (3A) (MAIZE OR CORN)

=> d l8 1

L8 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2003 Univentio

AN 2001038485 PCTFULL ED 20020820

TIEN NEMATODE-UPREGULATED PEROXIDASE GENE AND PROMOTER  
FROM NEMATODE-RESISTANT MAIZE LINE Mp307

TIFR GENE DE PEROXYDASE A REGULATION DES NEMATODES ET PROMOTEUR  
TIRE D'UNE LIGNEE DE MAIS Mp307 RESISTANT AUX NEMATODES

IN PADEGIMAS, Linas, S.;